

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Antimicrobials Division (AD)

January 26, 2015

| | | | |
|---|-----------|----------------------------------|--------------|
| EPA Reg#: 85837-4 | | DP Barcode: 425194 | |
| | | Submission #: 960800 | |
| Product name: Proxi Home General Disinfectant Cleaner Spray | | Registrant: Innovasource, LLC | |
| Reviewer's name: Salvador Rodriguez | | AD/PSB/CTT- Product Chemistry | |
| Agency due date: 03/11/15 | | PSB received date: 01/20/15 | |
| CTT received date: 01/21/15 | | Science received date: 01/22/15 | |
| Formulation type: EUP | | | |
| Integrated system: <input checked="" type="checkbox"/> Non integrated system: <input type="checkbox"/> Food use: <input type="checkbox"/> Non-food use: <input checked="" type="checkbox"/> | | | |
| Action Code: 570 | | Date Completed: January 26, 2015 | |
| PC Code | CAS # | Active Ingredient Names | % wt (label) |
| 000595 | 7722-84-1 | Hydrogen peroxide | 2.40 |
| HO — OH | | | |
| Test Lab: Case Laboratories, Inc. | | | |
| MRID(s): 49516301 | | | |
| Approver: Karen P. Hicks | | Approved date: January 26, 2015 | |
| Guideline: OPPTS Guideline Series 830.6317 "Storage Stability" and 830.6320 "Corrosion Characteristics" Studies. | | | |
| Comments: | | | |


(01/26/15)

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January 26, 2015

MEMORANDUM

Subject: Review for 85837-4
Product Name: **Proxi Home General Disinfectant Cleaner Spray**
DP#: 425194

From: Salvador Rodriguez, Chemist
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

Thru: Karen P. Hicks, CT Team Leader
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

To: Seiichi Murasaki PM 33\Karen Leavy
Regulatory Management Branch I
Antimicrobials Division (7510P)

Code: 570

Date Due: 03/11/15

Applicant: Innovasource, LLC

Chris Jiang for KPH

Formulation from Label

| Active Ingredient(s) | % by wt. |
|-------------------------|----------|
| Hydrogen peroxide | 2.40 |

BACKGROUND:

The Registrant, Innovasource, LLC, has submitted the OPPTS Guideline, Series 830.6317 & 830.6320 to support the registration for the product **Proxi Home General Disinfectant Cleaner Spray**. The Product Chemistry Reviewer has received the following documents:

- Confidential Statements of Formula, dated 06/18/2012, for the basic formulations. (Reference)
- Transmittal document, pin punched on 11/24/14. MRID # 49516300
- A cover letter, pin punched on 08/04/14.
- Study Titled: “Physical and Chemical Characteristics of Proxi Home General Disinfectant Cleaner Spray: Storage Stability & Corrosion Characteristics”
MRID #: 49516301
- Main label, dated 12/06/12.

FINDINGS:

1. OPPTS 830.6317 & 830.6320 guidelines Group B product chemistry data requirements applicable to end-use products have been met. MRID # 49516301
2. The test substance was stored at room temperature (18.6 – 28.8) °C, in a non-climate controlled warehouse for one year. Data obtained in this study verifies that the test substance is stable for a period of at least one year.
3. The results of the long-term storage and corrosion characteristics of the test material have been determined. The study is in accordance with the requirements of the US EPA, Office of Prevention, Pesticides and Toxic Substances, Series 830: Products Properties Test Guidelines OPPTS 830.6317 & 830.6320.
4. After 12 months at (18.6 – 28.8) °C, no pitting, no thinning, no warping, no change in color, and no cracks holes or mottling were noted for the commercial packaging material. Upon mechanical deformation, neither the container nor the closure cracked or split. In conclusion there was no significant change in the active ingredient content of the test material during the 12 months storage.

| Timepoint (Months) | Wt. % of H ₂ O ₂ (Average) |
|-----------------------|---|
| Zero Time | 2.575 |
| Four Months | 2.575 |
| Six Months | 2.525 |
| Nine Months | 2.450 |
| Twelve Months | 2.470 |
| Average | 2.519 |

CONCLUSIONS:

The Product Science Branch of Antimicrobials finds the proposed OPPTS Guideline Series 830.6317 & 830.6320 Group B product chemistry data requirements supporting the registration for the antimicrobial, disinfectant, sanitizer, bacteriocide, fungicide,/Fungistat, virucide, integrated, end-use product **EPARN: 858837-4 to be acceptable**. The results of the “One Year Storage Stability and Corrosion Characteristics” studies indicates that the concentration of the active ingredient (AI), is within the EPA Standard Certified Limits.